BenQ.com

The Music of Silence

Specifications	MP522		MP512	
Projection System	DLP® technology by Texas Instruments®		DLP® technology by Texas Instruments®	
Native Resolution	XGA (1024 x 768)		SVGA (800 x 600)	
Brightness	2000 ANSI lumens		2200 ANSI lumens	
Contrast Ratio	1000:1 (Full on/Full off)		2500:1 (Full on/Full off)	
Aspect Ratio	4:3 Native, 16:9 Selectable		4:3 Native, 16:9 Selectable	
Color	Full 16.7 million color palette		Full 16.7 million color palette	
Lens	F= 2.6 to 2.8, f=21 to 23 mm		F= 2.6 f=22mm	
Zoom Ratio	Manual Zoom, 1.10:1		Fixed	
Image Size (Diagonal)	26.5" to 300"		25" to 300"	
Throw Ratio	1.9 to 2.1:1		2.0:1	
Lamp	185W, 3000/4000 hours(Normal/Eco)		185W, 3000/4000 hours(Normal/Eco)	
Computer Compatibility	VGA(640 x 480) to SXGA(1280 x 1024)		VGA(640 x 480) to SXGA(1280 x 1024)	
HDTV Compatibility	480i, 480p, 576p, 720p, 1080i		480i, 480p, 576p, 720p, 1080i	
Video Compatibility	NTSC, PAL, SECAM		NTSC, PAL, SECAM	
Horizontal Frequency	31-82 kHz		31-82 kHz	
Vertical Scan Rate	48-85 Hz		48-85 Hz	
Input Terminals	PC	Analog RGB: D-sub 15 pin x 1	PC	Analog RGB: D-sub 15 pin x 1
	A/V	Component Video: D-sub 15 pin (Shared with Analog RGB connector) S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1	A/V	Component Video: D-sub 15 pin (Shared with Analog RGB connector) A/V S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1
Output Terminal	PC	D-sub 15 pin X 1	PC	D-sub 15 pin X 1
Control Terminal	Serial Connector : RS232 D-sub 9 pin x 1		Serial Connector : RS232 D-sub 9 pin x 1	
Dimensions(W x H x D)	10 x 3.5 x 8.4 inch (255 x 90 x 214 mm)		10 x 3.5 x 8.4 inch (255 x 90 x 214 mm)	
Weight	4.9 lbs (2.2 kg)		4.9 lbs (2.2 kg)	
Power Supply	100 to 240 VAC, 50 to 60 Hz		100 to 240 VAC, 50 to 60 Hz	
Power Consumption	Max 280W, Standby Max 5W		Max 280W, Standby Max 5W	
Noise Level	31/26 dB (Normal/Economic mode)		31/26 dB (Normal/Economic mode)	
On-Screen Display Languages	Czech/ Dutch/ English/ French/ German/ Italian/ Japanese/ Korean/ Polish/ Portuguese/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Thai/ Traditional Chinese/ Turkish		Czech/ Dutch/ English/ French/ German/ Italian/ Japanese/ Korean/ Polish/ Portuguese/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Thai/ Traditional Chinese/ Turkish	
Picture Modes	**PC Input:**	**A/V Input :**	**PC Input:**	**A/V Input :**
	Dynamic Mode	Dynamic Mode	Dynamic Mode	Dynamic Mode
	Presentation Mode	Standard Mode	Presentation Mode	Standard Mode
	sRGB	Cinema Mode	sRGB	Cinema Mode
	Cinema Mode	User 1 Mode	Cinema Mode	User 1 Mode
	User 1 Mode	User 2 Mode	User 1 Mode	User 2 Mode
	User 2 Mode			
Functions	BrilliantColor™	Panel Key Lock	BrilliantColor™	Panel Key Lock
	3D Color Management	"Q?" Hot Key for FAQ	3D Color Management	"Q?" Hot Key for FAQ
	Wall Color Correction	Power On/Off Tone	Wall Color Correction	Power On/Off Tone
	Quick Auto Search	11 sets of Picture Mode	Quick Auto Search	11 sets of Picture Mode
	Time Controller	Auto Phase Adjustment	Time Controller	Auto Phase Adjustment
	Presentation Timer	Blank @ ECO mode	Presentation Timer	Blank @ ECO mode
	Closed Caption	Quick Cooling	Closed Caption	Quick Cooling
	Standby D-Sub Output	Auto Off	Standby D-Sub Output	Auto Off
	Baud Rate Change	Security Password	Baud Rate Change	Security Password
	Resolution Reminder	High Altitude Mode	Resolution Reminder	High Altitude Mode
	Quick Start Guide	VGA Cable	Quick Start Guide	VGA Cable
Accessories (Standard)	Manual CD	Power Cord	Manual CD	Power Cord
	Remote control w/battery		Remote control w/battery	
Accessories (Optional)	Ceiling Mounting Kit	Spare Lamp Kit	Ceiling Mounting Kit	Spare Lamp Kit
	Presentation Plus		Presentation Plus	

^ The actual lamp life may depend on the surrounding environment. Condition may affect lamp life including altitude, temperature or switching the projector on

MP522 Projection Size Chart

Screen size (inch)	40	60	80	100	120	150	200	300
Screen width (cms)	81.28	121.92	162.56	203.20	243.84	304.80	406.40	609.60
Screen height (cms)	60.96	91.44	121.92	152.40	182.88	228.60	304.80	457.20
Distance with Max. zoom (cms)	148.15	222.22	296.30	370.37	444.44	555.56	740.74	1111.11
Distance with Min. zoom (cms)	162.96	244.44	325.93	407.41	488.89	611.11	814.81	1222.22

MP512 Projection Size Chart

Screen size (inch)	40	60	80	100	120	150	200	300
Screen width (cms)	81.28	121.92	162.56	203.20	243.84	304.80	406.40	609.60
Screen height (cms)	60.96	91.44	121.92	152.40	182.88	228.60	304.80	457.20
Distance with Max. zoom (cms)	160.00	240.00	320.00	400.00	480.00	600.00	800.00	1200.00
Distance with Min. zoom (cms)	160.00	240.00	320.00	400.00	480.00	600.00	800.00	1200.00

Accessory (Optional)

Celing Mounting Kit

Spare Lamp Kit

MP522/512 Lamp Part Number: 9E.Y1301.001

Presentation Plus

Dealer's Stamp

BenQ
Enjoyment Matters

MP522   MP512

BenQ MP Quietness Series Projectors

Kick back and enjoy pictures projected at 26dB with the BenQ MP quietness series projectors. Listen carefully! You may even hear the music of silence!

BenQ
Enjoyment Matters

A Well-Defined Posterior – A Spectator's Delight

MP522/512 slines are soft and curvaceous; there are no sharp edges anywhere on the exterior. The full-bodied design of the MP522/512 also represents the myriad of functions that come standard with these models; whether it's for business, education, family entertainment, or computer games, the MP522/512 do it all. The most outstanding feature of the MP522/512 design is on the projector's posterior. The set of raised lines along the sides of the projector flare out from the back and produce the visual effect of giving lift and extra body.

Designed in Every Detail

Silent Engineering means that we look everywhere for improvements. We've re-designed our color wheel for maximum absorption of noise and vibrations. We've also added a damper fixed between the MP522/512's color wheel and bracket for added reduction in noise and vibration.

Color Wheel Damper
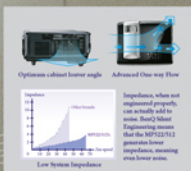
Plastic   Rubber

New material in color wheel

Anti-Vibration Equals Added Quietness

Inside, our quiet-running cooling fan also includes a noise-absorbing sponge while rubberized components dampen vibration that can cause noise. Outside, high elasticity rubber stops resonance with table tops in its tracks.

Cooling Fan Noise-absorbing Sponge

• Anti-vibration rubber

• Absorb noise sponge

Low-Obstruction Ventilation Design

We've designed for a smoother flow of air through the MP522/512. This lowers heat and allows exhaust fans to run at lower speeds for lower noise.

Optimum cabinet louver angle   Advanced One-way Flow

Low System Impedance

Impedance, when not engineered properly, can actually add to noise. BenQ Silent Engineering means that the MP522/512 generate lower impedance, meaning even lower noise.

Whisper Quiet

MP522
BenQ Digital Projector

26 dB · XGA 1024x768 · 2,000 ANSI Lumens · 3D Color Management · Panel Key Lock · Power On/Off Tone · Presentation Timer · Wall Color Correction · **BrilliantColor™**

XGA

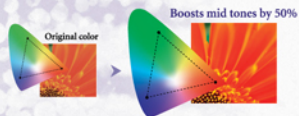XGA(1024 X 768) resolution for vibrant images with precision color and detail

2000 ANSI LUMENS

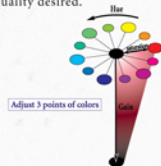A 2000 ANSI lumens projection lamp ensures great viewing even in location with ambient ligh

BrilliantColor

Texas Instruments' advanced on-chip BrilliantColor™ technology boosts mid-tone colors, increasing overall brightness and producing a more vibrant picture

Original color · Boosts mid tones by 50%

3D Color Management

3D color management lets users fine-tune the hue, saturation, and gain of primary colors to achieve the exact picture quality desired.

Adjust 3 points of colors

Wall Color Correction

Wall color correction provides optimized viewing experience for different surfaces, such as a classroom blackboard, that might be used to display content instead of a regular projector screen.

light yellow
pink
light green
blue
blackboad

Have fun with consistent color in various environment

Presentation Timer

The MP522 on-screen timer will help you keep your presentations on track. And instead of wondering where you are in the presentation, your audience can stay focused on the actual content.

Panel Key Lock

This handy feature will help you keep presentations glitch-free by preventing accidental button presses from activating the associated function.

Quick Auto Search

The MP522 will automatically scan for attached video sources, sparing you the hassle of manually locating them. Just plug in the source and almost instantly your show is ready to go.

Closed-captioning support

Display subtitles in video content without the need for an external closed-captioning device. Perfect for viewing in noisy environments, language learning, and other situations where a transcript of onscreen dialog is desirable.

Connector

RS-232   D-Sub Out   D-Sub In   Composite   S-Video

Remote control

1. Power
2. Freeze
3. Left arrow
4. Blank
5. Digital Zoom buttons(+, -)
6. Menu/Exit
7. Up/Down arrows and Keystone
8. Auto
9. Right arrow
10. Source
11. Mode/Enter
12. Timer on
13. Timer set up

MP512

BenQ Digital Projector

26 dB | SVGA 800x600 | 2,200 ANSI Lumens | Contrast 2500:1 | 3D Color Management | Panel Key Lock | Power On/Off Tone | Presentation Timer | Wall Color Correction | **BrilliantColor™**
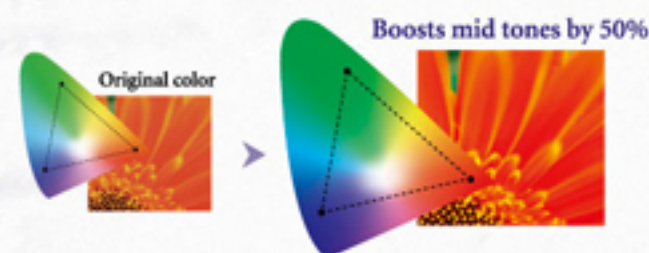
2200 ANSI lumens

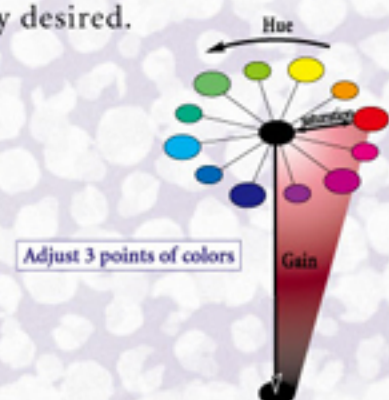A 2200 ANSI lumens projection lamp ensures great viewing even in location with ambient light.

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Boosts mid tones by 50%

Original color

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Hue

Adjust 3 points of colors

Gain

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12. Timer on
13. Timer set up